LG

COLOUR TELEVISION

OWNER'S MANUAL

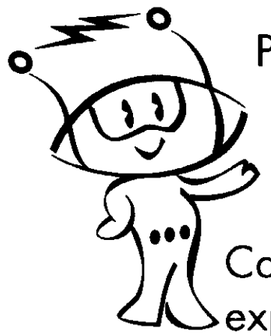
PLEASE READ THIS OWNER'S MANUAL THOROUGHLY BEFORE OPERATING.

FOR THE GUARANTEE TERMS & CONDITIONS PLEASE REFER TO INSIDE BACK COVER OF THIS MANUAL.

CF-21A50F/CF-25A50F/CF-28A50F

Precautions & Information

Plug wiring



Position your TV so that no bright light or sunlight falls directly onto the screen.

Care should be taken not to expose your TV to any unnecessary vibration, moisture, dust or heat.

During electrical storms it is advisable to unplug both the aerial cable and mains plug to prevent accidental damage to your TV.

Do not operate your TV if it is damaged. Your TV should not be repaired by anyone except qualified service personnel.

Never remove the back cover of your TV as this can expose you to very high voltage and other hazards. If your TV does not operate properly, please check the Troubleshooting Guide on page 26. If your TV still does not operate properly, unplug it and call your dealer.

Warning

Ensure that your TV is placed in a position to allow a free flow of air. Do not cover the ventilation openings on the back.

This appliance is supplied with BS 1363 approved 13 Amp fused mains plug. When replacing the fuse always use a 5 Amp BS 1362 approved type. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your supplying dealer or LG Electronics U.K. LTD.

If the mains sockets in your home differ, or are not suitable for the type of plug supplied then the plug should be removed and a suitable type fitted.

If the mains plug becomes severed from the mains lead it must be destroyed. A mains plug with bared wires is hazardous if engaged in a mains output line socket.

If a 13 Amp BS 1363 plug is not suitable or any other type of plug used, then this appliance must be protected by a 5 Amp fuse.

Should you need to change the plug

The wires in this mains lead are coloured in accordance with the following codes
BLUE ~ Neutral
BROWN ~ Live
GREEN & YELLOW ~ No connection to be made

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

DO NOT connect the wire which is coloured GREEN & YELLOW or GREEN

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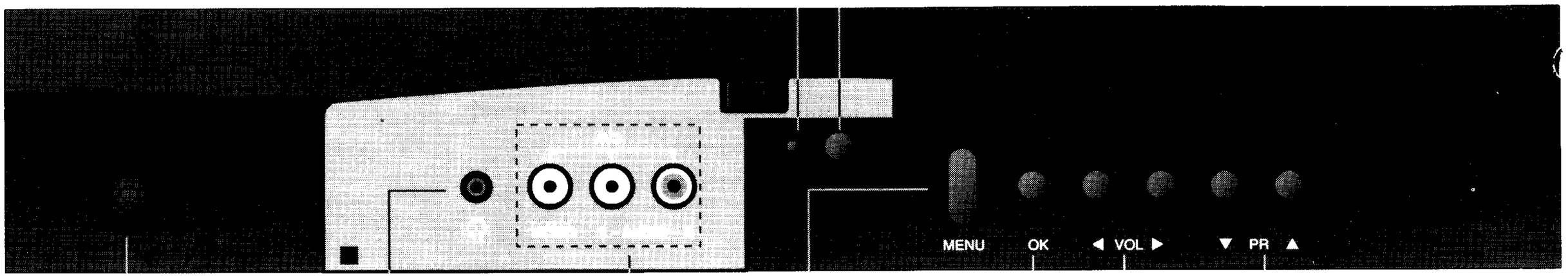
Front Panel
Controls

STANDBY INDICATOR REMOTE CONTROL SENSOR



CF-21A50F

HEADPHONE SOCKET

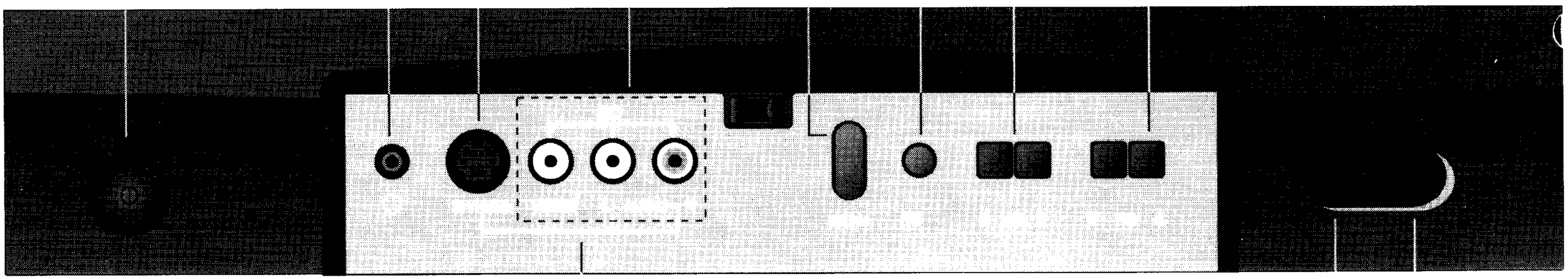
MAIN POWER

AV3
(S-VIDEO IN)

MENU OK VOLUME UP/DOWN

(S-VIDEO IN)

PROGRAMME UP/DOWN



CF-25A50F
CF-28A50F

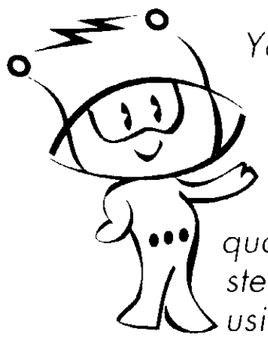
S-AV

REMOTE CONTROL SENSOR

STANDBY INDICATOR

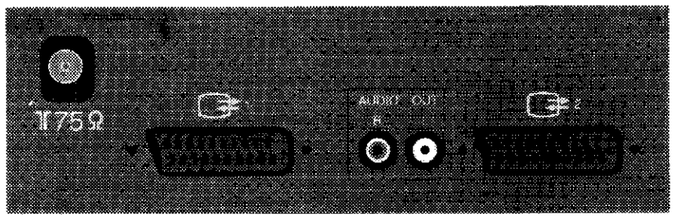
Connections

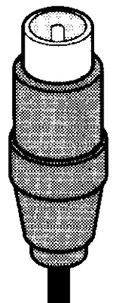
Connecting a VCR



You can connect additional equipment, such as VCR's and Camcorders to your TV. The guidance given on the next three pages is the most common forms of connection. However please check with your manufacturers instruction books for specific information. Make sure all connections are made with both your TV and additional appliance unplugged from the mains to avoid damaging your equipment. Connecting a VCR using a SCART lead is one of the best ways to achieve optimum sound and picture quality from videotape playback. If you are fortunate enough to own a stereo VCR you will be able to enjoy stereo sound when playing a stereo video tape; you would be unable to enjoy this facility if you connected using a normal aerial lead.

1



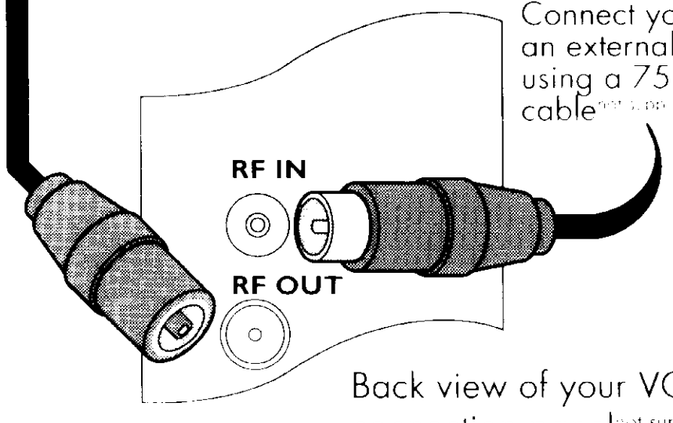


Aerial connection cable (75 Ohms) not supplied

The quality of the sound and picture can be greatly influenced by the positioning, quality and state of repair of your external aerial. If you are unsure about the condition of your aerial please contact an aerial installation specialist.

Connect the RF out socket of the VCR to the aerial socket on the back of your TV.

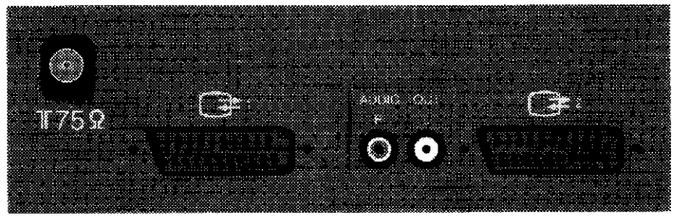
Connect the aerial cable to the RF aerial in socket of the VCR.

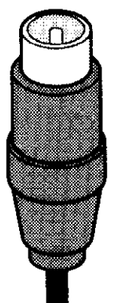


Connect your VCR to an external aerial using a 75 Ohm cable not supplied

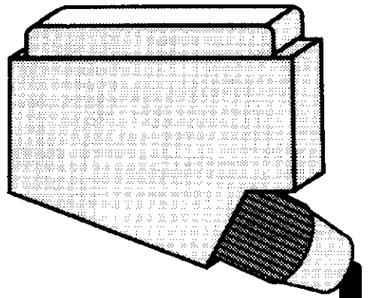
Back view of your VCR connection panel not supplied

2

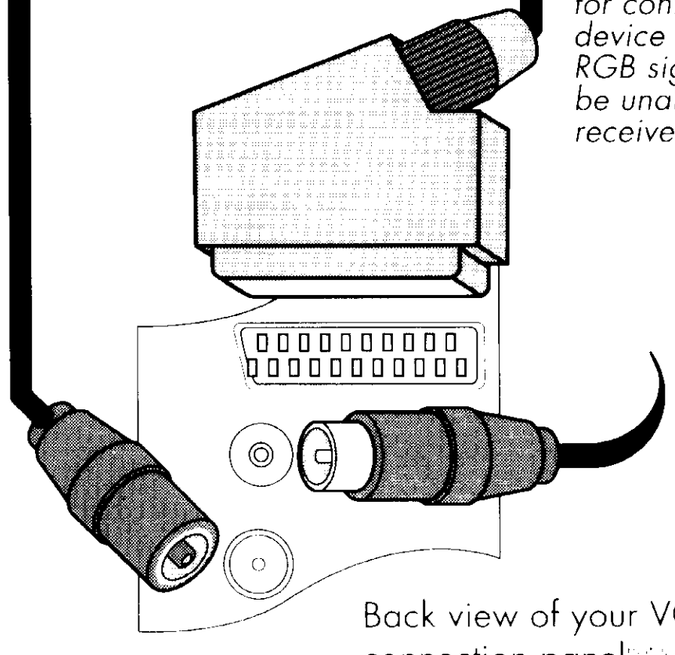




You must still use the aerial connection cable (75 Ohms) not supplied



Note: *Signal type Red, Green, Blue (RGB) can only be selected if you connect using SCART socket 1. These signals are usually transmitted by computers, pay TV decoders, video games machines or Photo CD. Do not use SCART socket 2 for connecting any device that transmits RGB signals, it will be unable to receive them.*

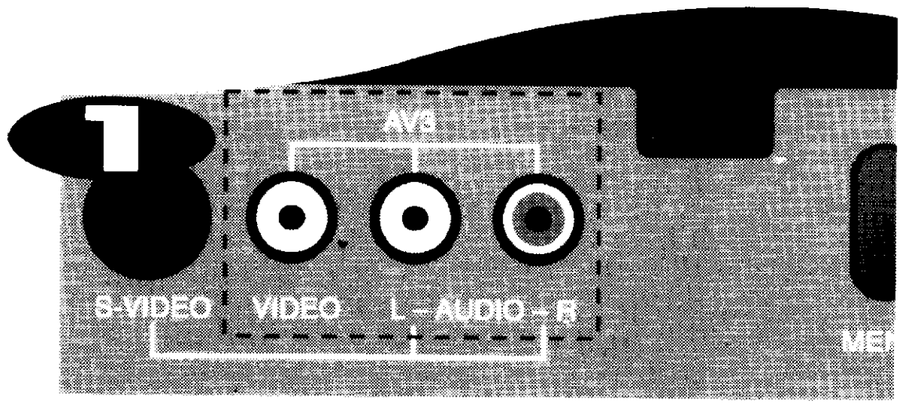


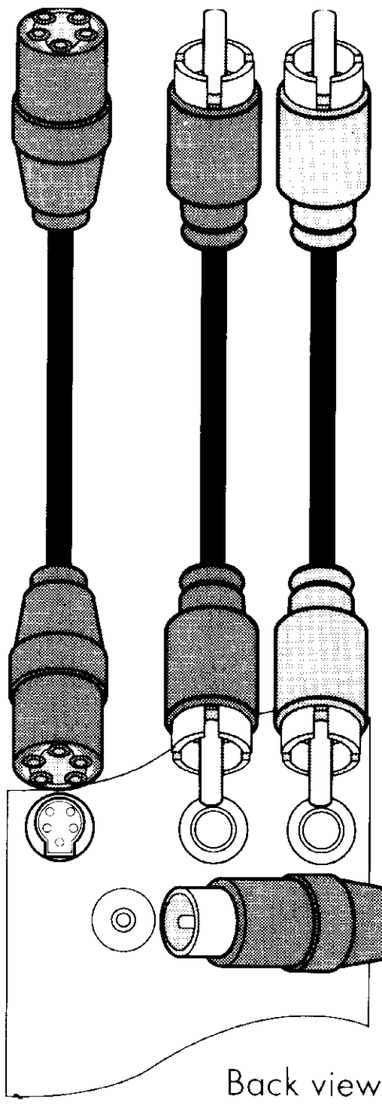
Back view of your VCR connection panel not supplied

If you connect a VCR using a standard aerial lead (75 Ohms) you will have to set a dedicated programme channel on your TV in order to view video tapes. Further on in the book you will be given guidance on how to tune in your TV. Before you commence any form of tuning make sure that your VCR's test signal is switched on. Please refer to your manufacturers instruction book if you are in any doubt about how to do this.

Connections

S-Video/Audio in S-AV



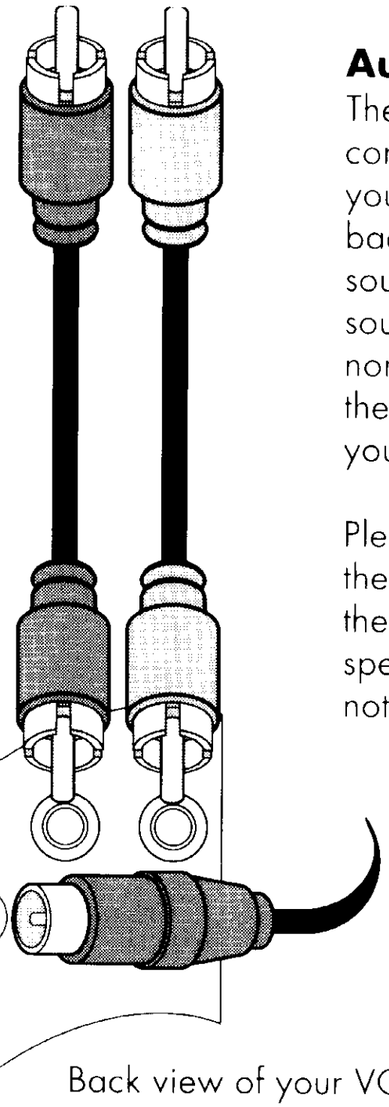


S-Video/Audio in sockets
When connecting an **S-Video** VCR to the **S-Video** socket the picture quality will be further improved.

Connect the Audio and **S-VHS** cables from the VCR to the Audio and **S-VHS** sockets on the front panel of your TV. Select your video by pressing **TV/AV** button repeatedly until **S-AV** is displayed.

Connect your VCR to an external aerial using a 75 Ohm cable not supplied

Back view of your VCR connection panel not supplied



Audio out sockets
The phono sockets for connecting your TV to your HI-FI are on the back of the set; L = Left sound output, R = Right sound output. You normally have to select the AUX function on your HI-FI.

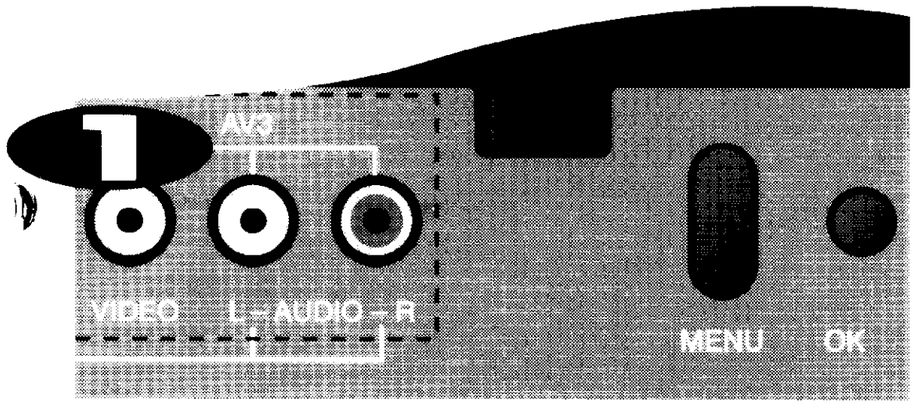
Please note if you press the **MUTE** button only the sound from the TV's speakers is switched off, not your HI-FI.

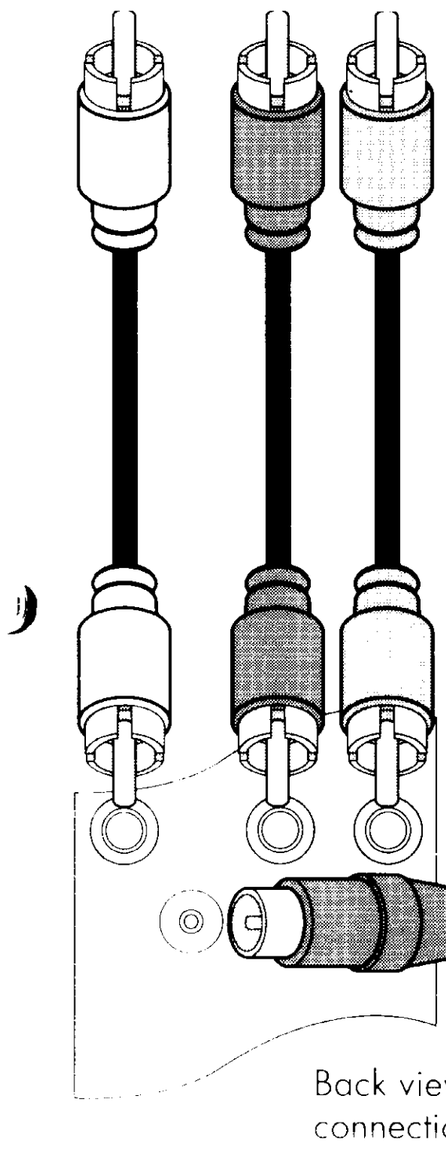
Connect your VCR to an external aerial using a 75 Ohm cable not supplied

Back view of your VCR connection panel not supplied

Connections

Audio out & Headphones





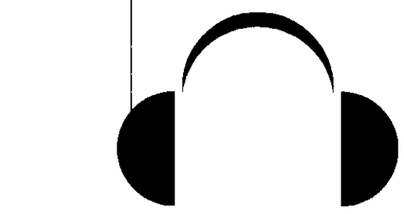
Audio/Video in sockets

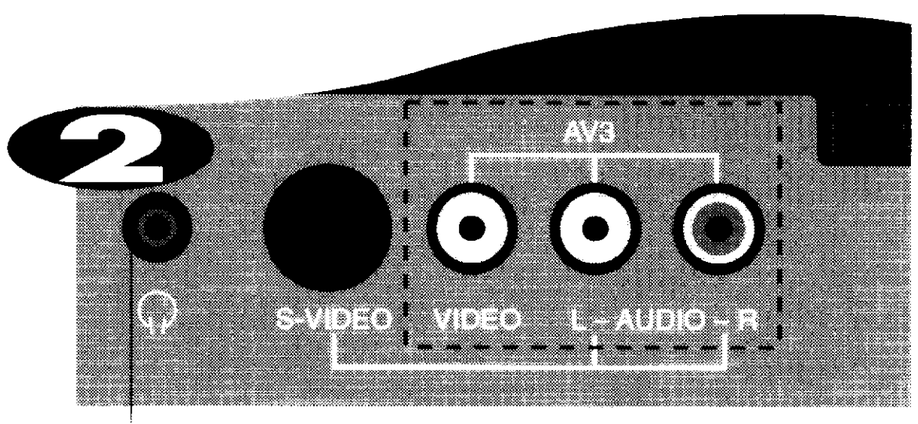
Connect the Audio/ Video of the VCR to the Audio/Video in sockets on the front of your TV.

Select your video by pressing **TV/AV** button repeatedly until **AV3** is displayed.

Connect your VCR to an external aerial using a 75 Ohm cable

Back view of your VCR connection panel





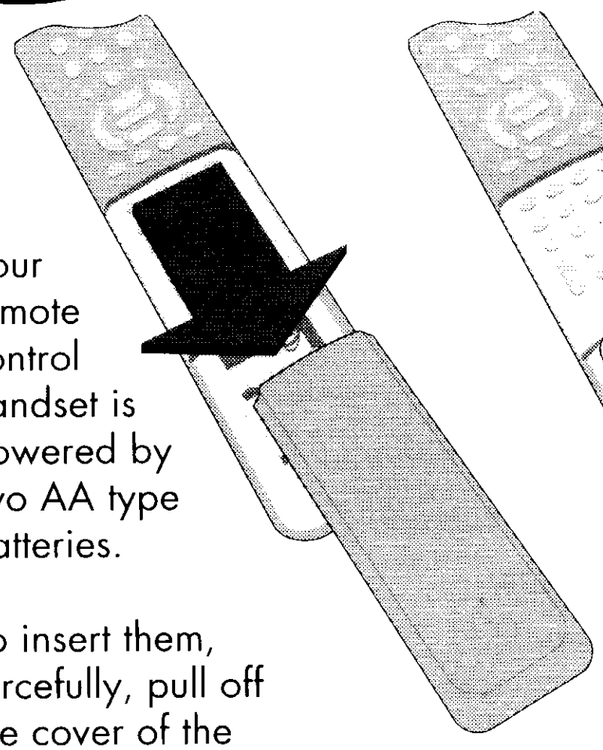
Headphones socket

Insert the headphones plug into the headphone socket on the front panel of your TV. The size of the plug is 3.5mm (stereo) the size usually found on a personal HI-FI.

To adjust the headphone volume please see page 16. Please take care, when listening to sound on headphones at high volume for extended periods of time you can damage your hearing.

Battery Installation

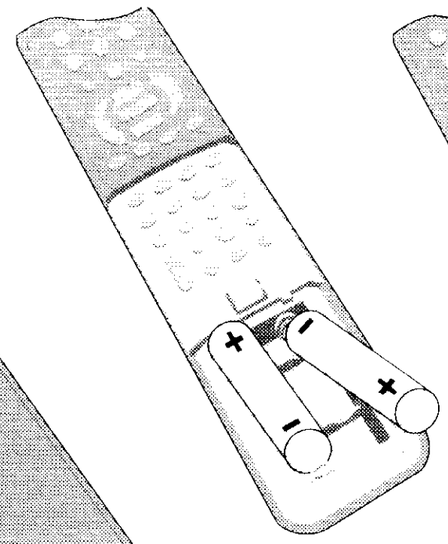
1



Your remote control handset is powered by two AA type batteries.

To insert them, forcefully, pull off the cover of the handset.

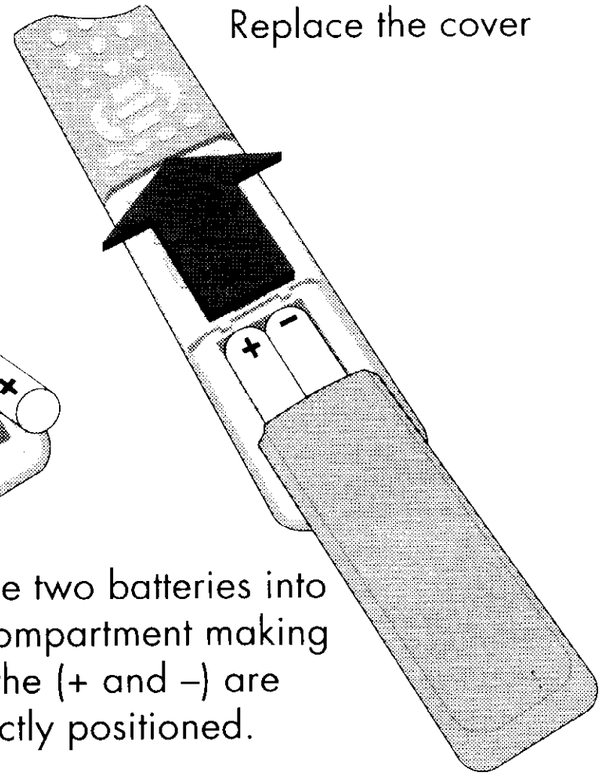
2



Put the two batteries into the compartment making sure the (+ and –) are correctly positioned.

3

Replace the cover

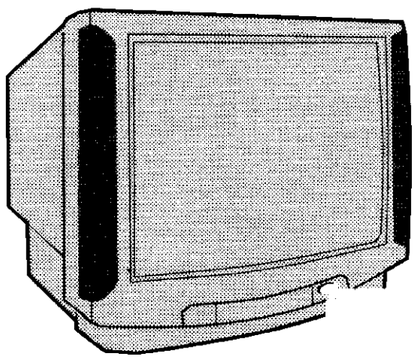


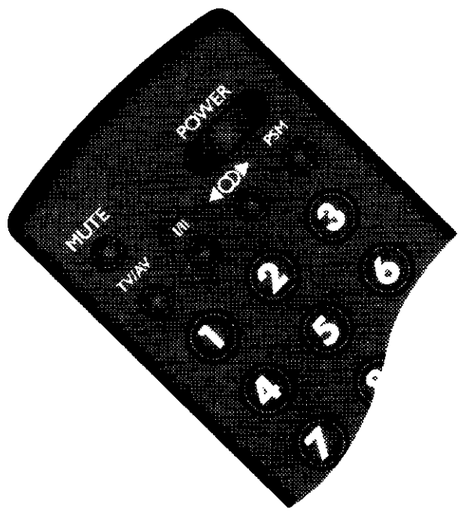
4

To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time. Do not use batteries of differing age or type. Always discard of batteries safely.

Your remote control is not a toy! Do not let children play with it they may damage it or accidentally swallow the batteries!

Effective Operation

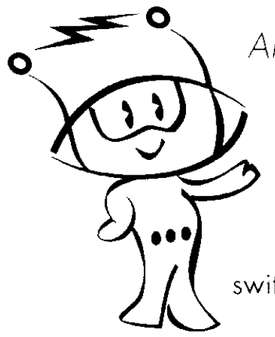




Successful operation of your TV using the remote control depends on the signals being transmitted by the remote control not being blocked by: furniture, pets, plants, strong sunlight or spot lamps.

If you experience erratic remote control operation check that none of the above points are occurring or that you are not trying to operate your TV from too wide an angle. Check that the batteries are not old and need replacing.

Location & Function of Controls



All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the front panel of the TV.

MUTE
switches the sound on or off

TV/AV
selects TV or AV mode
clears the menu from the screen

DUAL I/II
selects the language during dual language broadcast
selects mono sound during stereo broadcast (not available in the UK)

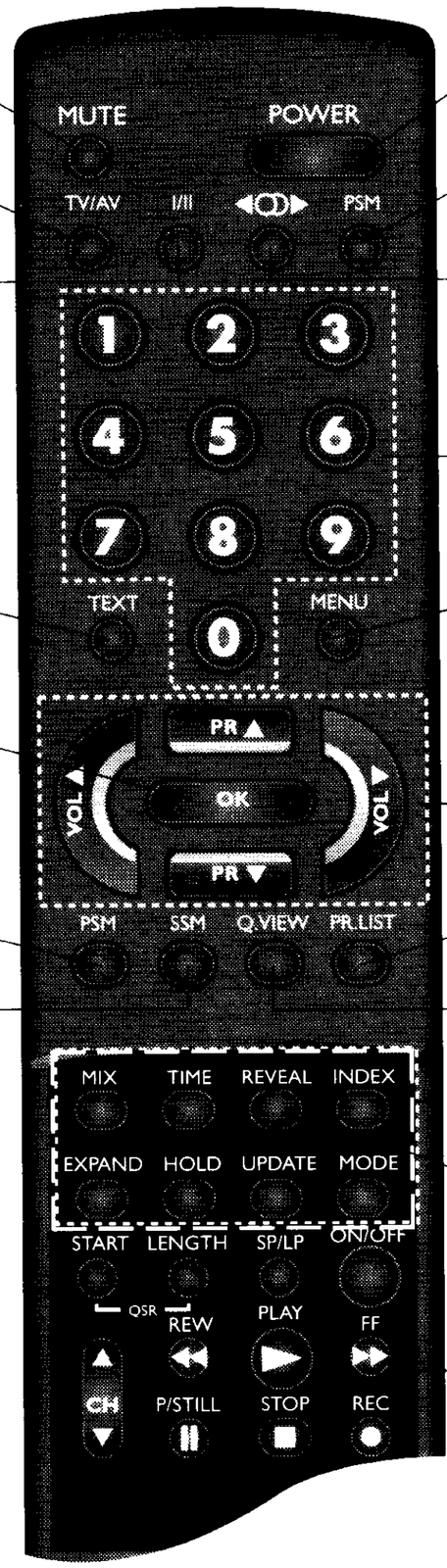
TELETEXT BUTTON
this button is used for teletext

OK
accepts your selection or displays the current mode

PSM (Picture Status Memory) (RED button)
recalls your preferred picture setting

SSM (Sound Status Memory) (GREEN button)
recalls your preferred sound setting

NOTE
*In the teletext mode, the **PSM, SSM, Q.VIEW** and **PR.LIST** buttons are used for teletext function.*



POWER
switches the set on from stand-by or off to stand-by

PSM (Picture Status Memory)
recalls your preferred picture setting when in Teletext mode

SPATIAL
creates the spatial or pseudo stereo sound effect

NUMBER BUTTONS
switch the set on from stand-by or directly select a number

MENU
selects a menu

▲/▼ (Programme Up/Down)
switches the set on from stand-by
selects a programme or a menu item

◀/▶ (Programme Up/Down)
adjusts the volume and menu settings

PR. LIST (BLUE button)
displays the programme table

Q.VIEW (Quick View) (YELLOW button)
press Q.View to view the last programme you were watching. Press again to return.

TELETEXT BUTTONS
these buttons are used for teletext

VCR BUTTONS
control a LG video cassette recorder

On Screen language selection.
The menus on screen can be displayed in English, German or French. To select the language of your choice repeatedly press the menu button on the remote control to select the **SPECIAL** menu.

Press ▲/▼ to select **LANGUAGE**.

Press ◀/▶ to select the desired language.

Press **OK**, **MENU** or **TV/AV** button to return to normal TV operation

Tuning in Automatically

*If you are connecting a **VCR**, **Satellite Receiver** or **Cable TV Decoder** makes sure that they are switched on. Where applicable have their test signals switched on before tuning your TV (in the case of **Satellite** or **Cable** select **Sky News**) please refer to the manufacturers instruction books if you are unsure how to do this.*

Your TV can store up to 100 TV stations*. Stations can be tuned **AUTOMATICALLY** or **MANUALLY**.

It is recommended that you use the **AUTOMATIC** tuning method as this will usually obtain the best possible picture and sound quality available in your area of the country.

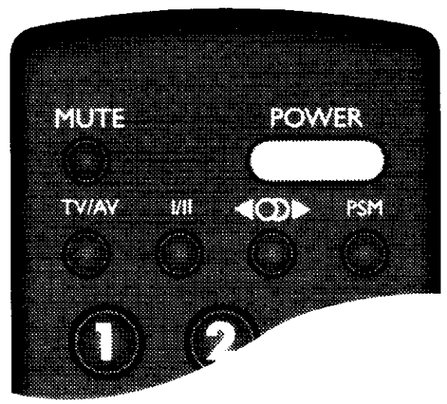
If you prefer to use Manual Tuning, please refer to page 22 ~23.

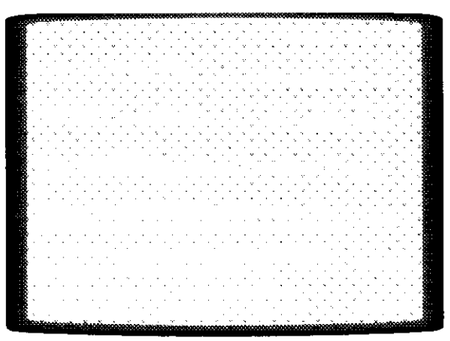
*99 - SCART

1

Make sure that you have correctly installed your TV as described earlier in this book.

Press **POWER** on the front of your TV. The red stand-by indicator will light.

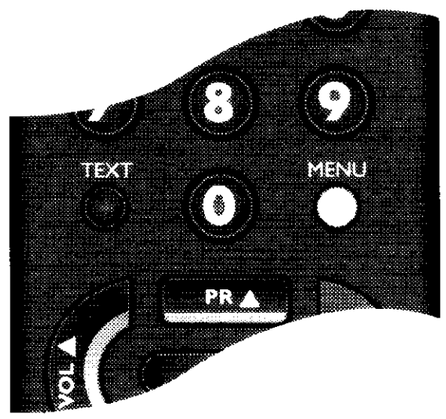




2

Press **POWER** on the remote control.

A fuzzy TV picture will appear.



3

Press **MENU** to select the **STATION** menu.

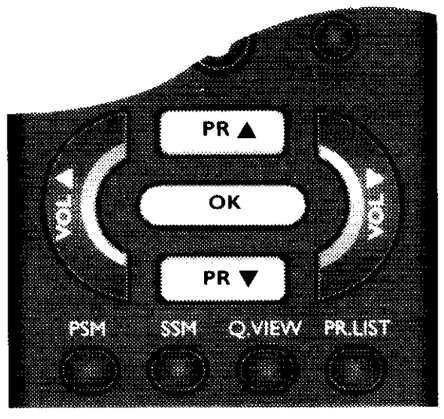
*If you do not press a button within 10 seconds the **STATION** menu will disappear. Press **MENU** to make it reappear.*

4

AUTO PROGRAMME will appear in pink.

Press **OK**.

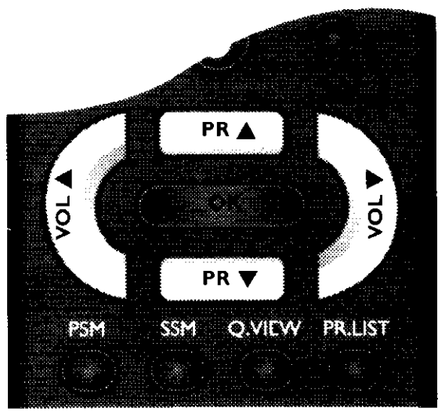
*If **AUTO PROGRAMME** is not highlighted in pink press ▲ or ▼ on the remote control until it is.*

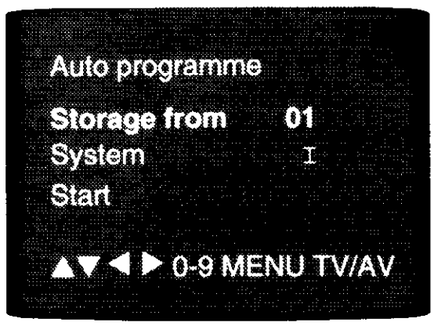


5

Press ▲ or ▼ to select **STORAGE FROM**. Enter **01** as the first programme number, using ◀ or ▶.

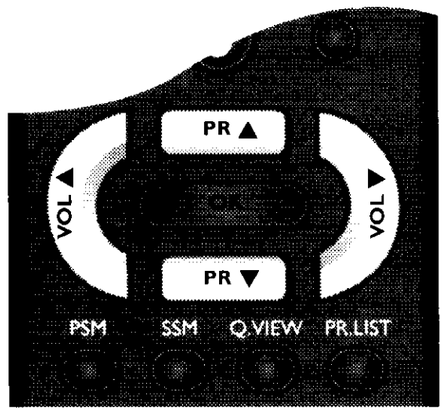
You may also use the numbered buttons; any number under 10 is entered with a 0 in front of it e.g. '01' for 1.

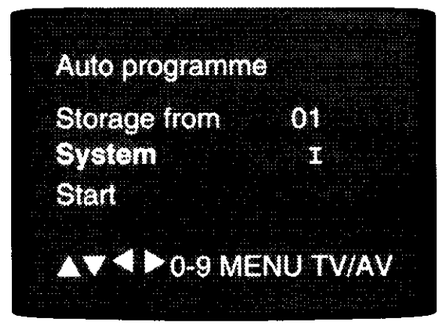




6

Press ▲ or ▼ to select the TV broadcast system operating in your country. In the U.K. select **I** using ◀ or ▶.

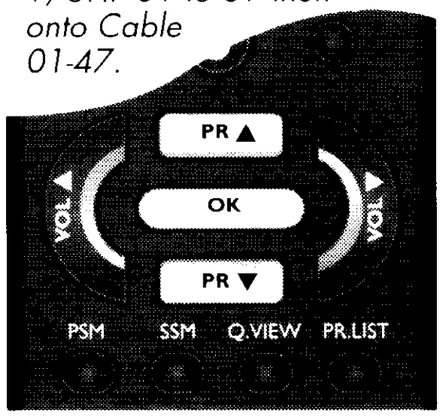


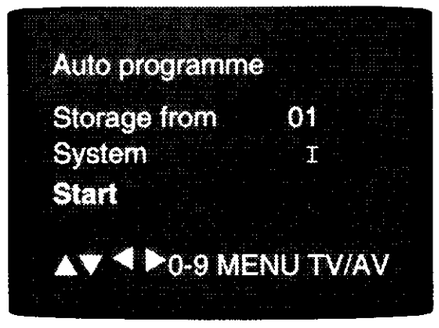


7

Press ▼ to select **START**. Press **OK**, the **AUTOMATIC** tuning process will start. Please be patient this process may take a few minutes to complete.

As channels of suitable broadcast strength are found they will be stored and numbered. The channel band and number automatically change V/UHF 01 to 69 then onto Cable 01-47.

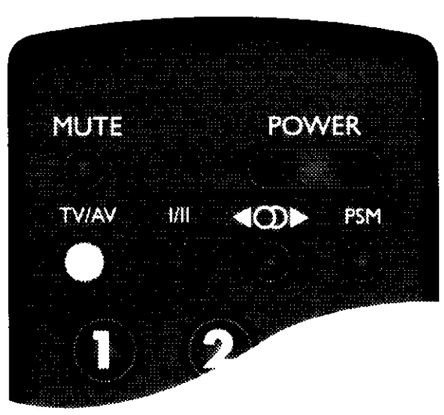


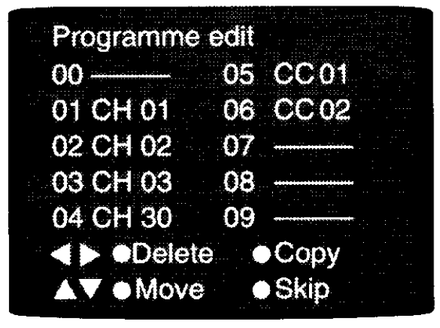


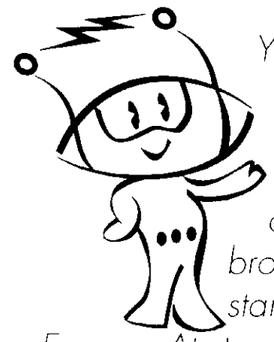
8

When tuning is complete the **PROGRAMME EDIT** menu will appear

Press **TV/AV** on the remote control to remove this menu and return to normal TV viewing.







Your Television can be set to receive many of the most common broadcast standards in Europe. At stage 6 you more than likely selected **I**. *However you may select one of three systems:-*

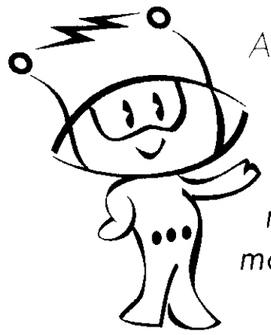
BG *Europe*
DK *East Europe*
I *U.K. & Ireland*

On some models you may have the option of system **L**. *This is for use in France which uses SECAM. Only a TV which offers you the ability to select* **L** *can perform this function.*

If all systems are receivable, **BG**, **DK**, **L** and **I** *they can be stored by repeating stages 3 through to 8 but changing the appropriate broadcast standard at stage 6.*

In the unlikely event that you should need to manually or fine tune your TV please turn to page 23 at the back of this owners manual.

Numbering TV stations



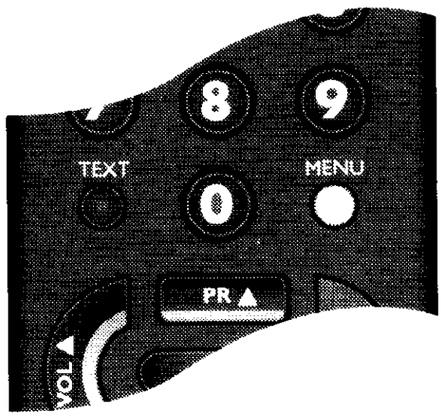
After your TV has carried out the automatic tuning process it will have stored all available TV stations in your area. A station is stored with it's own ***programme number*** *, this can be any number from 0 to 99. It will also have a* ***station name*** *e.g. BBC 1, and more technical information as well such as the* ***channel band*** *and* ***number****. The* ***PROGRAMME EDIT*** *feature allows you to remove , copy, move, skip or re-number stored stations for your TV may well have found and stored the same channel more than once.*

TV stations are stored with information to make identifying them easy. The most useful of which is the station name such as BBC1 or Channel 4 (CH4). However your TV can only display this information if the broadcasting company broadcast Teletext, PDC (Programme Delivery Control) or VPS (Video Programme Service). If none of these services are broadcast the channel number is stored as CH or CC, followed by a number.

1

Press **MENU** to select the **STATION** menu.

If you do not press a button within 10 seconds the ***STATION*** *menu will disappear. Press* ***MENU*** *to make it reappear.*

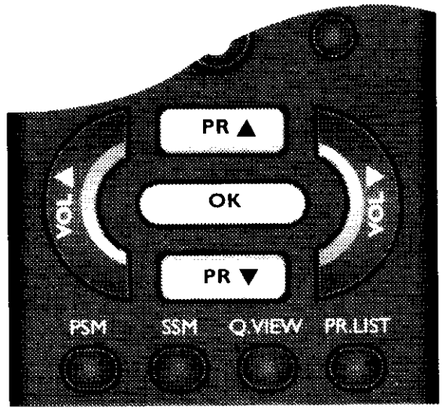


2

Press ▲ or ▼ to select **PROGRAMME EDIT**.

Press **OK**.

The ***PROGRAMME EDIT*** *menu will appear.*



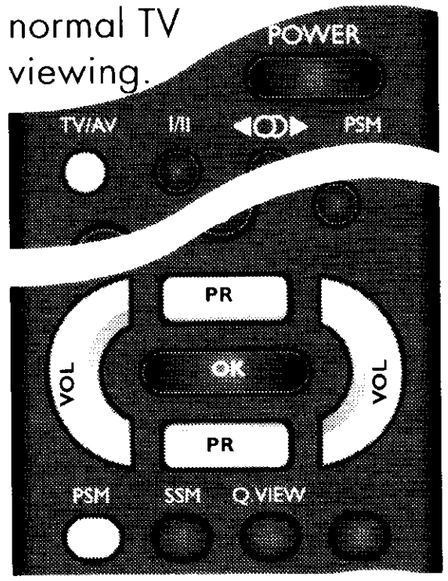
3 REMOVING

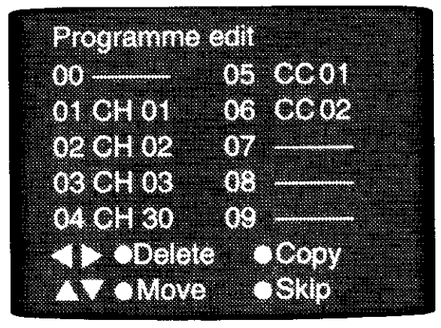
Select the programme number you wish to remove by pressing ▲▼ or ◀▶.

Press the **RED** button.

The selected programme number is removed and all the following programmes are shifted forward one place.

Press **TV/AV** to return to normal TV viewing.





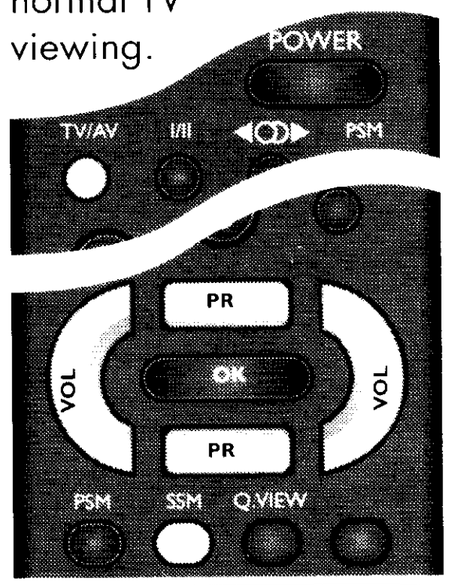
4 COPYING

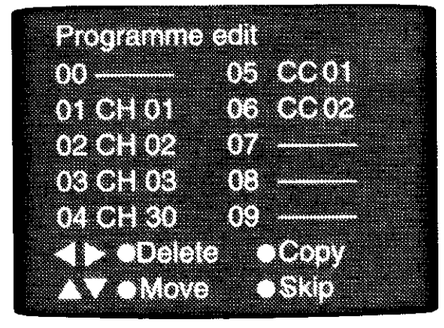
Select the programme number you wish to copy by pressing ▲▼ or ◀▶.

Press the **GREEN** button.

The selected programme number is copied and all the following programmes are shifted forward one place.

Press **TV/AV** to return to normal TV viewing.





5 MOVING

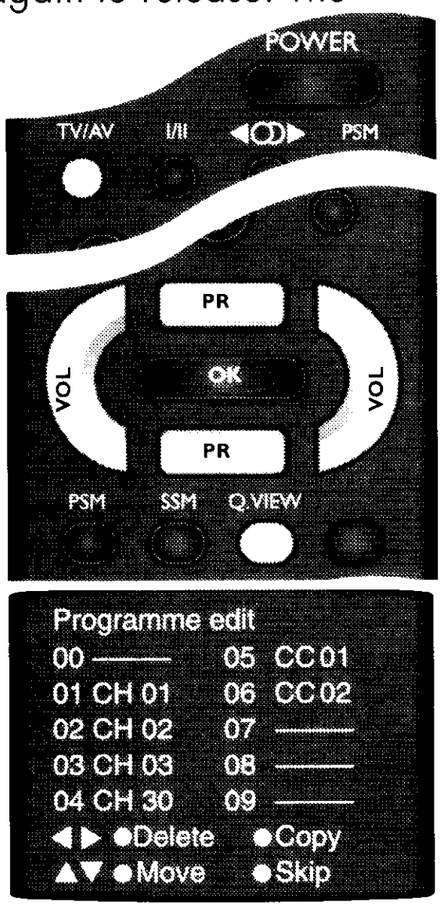
Select the programme number you wish to move by pressing ▲ ▼ or ◄ ►.

Press the **YELLOW** button, the selected programme number will change colour to yellow.

Move the programme number through the programme list by pressing ▲ ▼.

Press the **YELLOW** button again to release. The selected programme number will change colour back to pink.

Press **TV/AV** to return to normal TV viewing.



6 SKIP

When a programme number is skipped it means that you will be unable to select it using ▲ ▼ during normal TV operation. You may however still select a skipped channel by using the numbered buttons on the remote control.

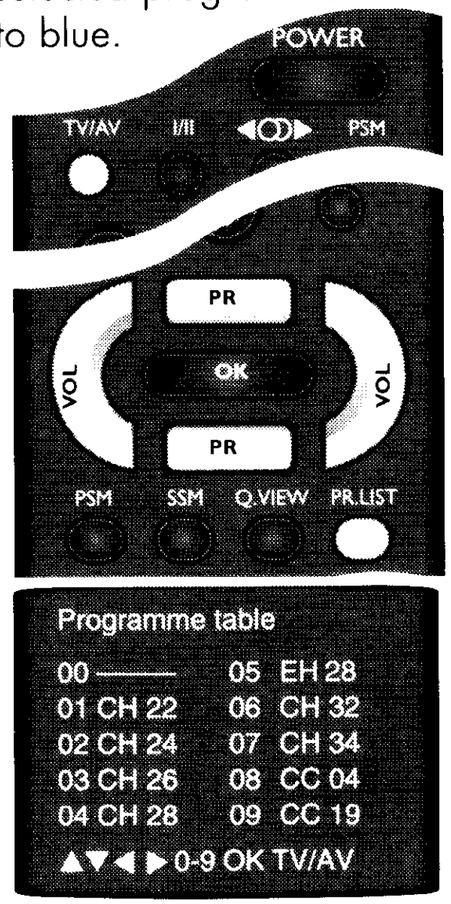
Select the programme number you wish to skip by pressing ▲ ▼ or ◄ ►.

Press the **BLUE** button, the selected programme number will change colour to blue.

To remove the skip feature from a channel press the **BLUE** button again to release.

Please note the programme number 01 cannot be skipped.

Press **TV/AV** to return to normal TV viewing.



Naming TV stations

TV stations are stored with information to make identifying them easy. The most useful of which is the station name such as BBC1 or Channel 4 (CH4). However your TV allows you to give a station a unique name using five characters.

The ability to name a station is particularly useful in areas of the country where you can receive more than one station broadcast by the same network such as ITV e.g. **Central**, **Carlton**, **Anglia** etc. Your TV will have named them all as "ITV". You could name them **Centl, Carlt** and **Angl.**

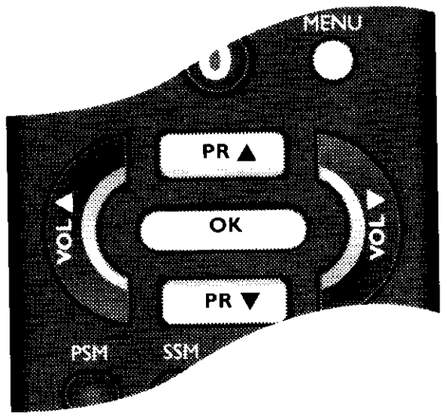
1

Press **MENU** to select the **STATION** menu.

Press ▲ or ▼ to select **MANUAL PROGRAMME**.

Press **OK**.

*The **MANUAL PROGRAMME** menu will appear.*



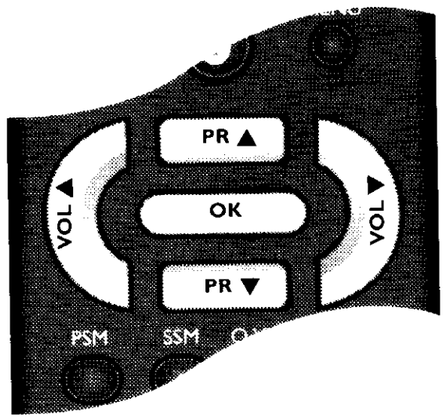
2

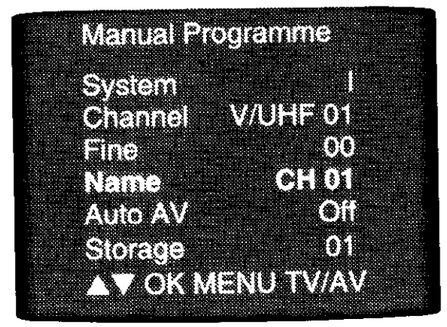
Press ▲ or ▼ to select **NAME**.

Select your first desired character by pressing ▶.

*You can use the alphabet **A** to **Z**, a **blank space**, **.**, **+**, **-** and the numbers **0** to **9**. If you go past a character you can go back the other way by pressing ◀.*

Press **OK** to select the next available position.

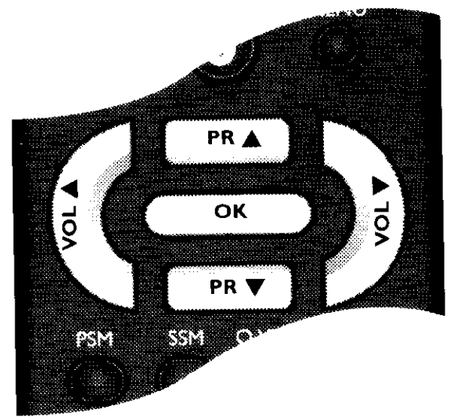


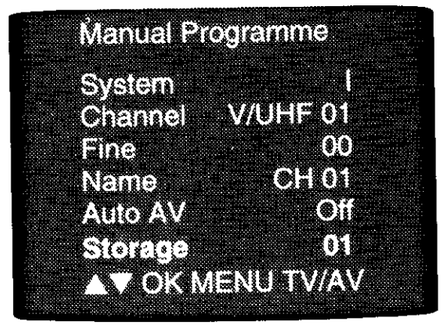


3

Repeat stage 2 until you have named your channel.
Press ▲ or ▼ to select **STORAGE**.
Select the desired programme number using ◀ or ▶.

Press **OK** to store your selection.

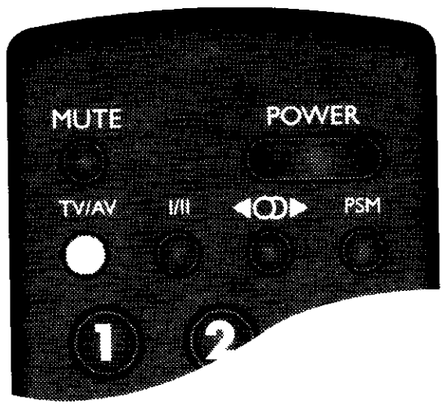


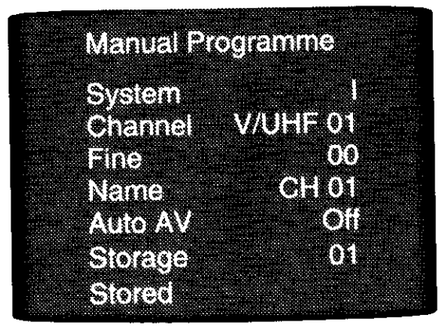


4

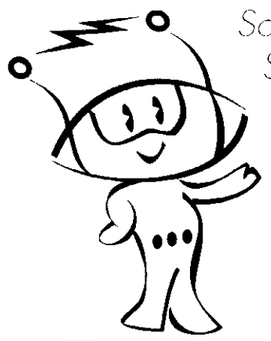
Repeat stages 1-3 to name other stations.

Press **TV/AV** to return to normal TV viewing





Auto AV Setting



Some VCR's and Satellite Receivers have a useful feature built into them; when connected to your TV using a SCART lead[not supplied] *(Pin 8 connected) they can automatically switch selected programme numbers so that you may view video tapes or Satellite stations without you having to select the dedicated VCR or Satellite programme number. Your TV allows you to enjoy the best of both worlds! You may choose the automatic switching, or just a few selected programme numbers or not at all. . . the choice is yours.*

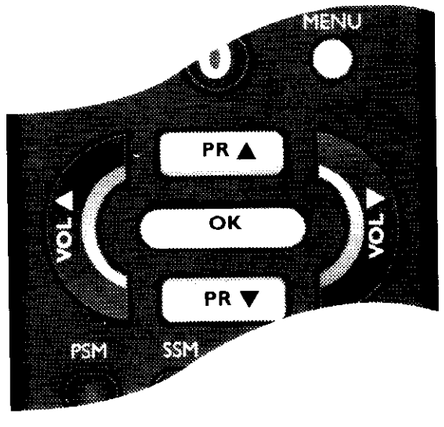
1

Press **MENU** to select the **STATION** menu.

Press ▲ or ▼ to select **MANUAL PROGRAMME**.

Press **OK**.

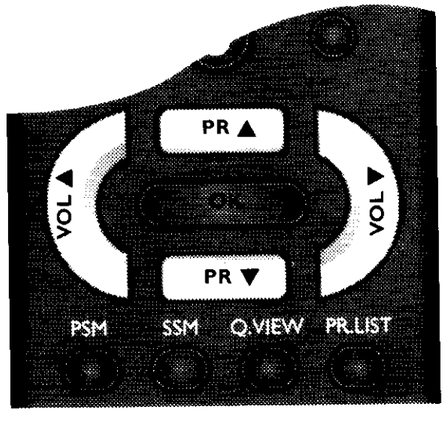
*The **MANUAL PROGRAMME** menu will appear.*

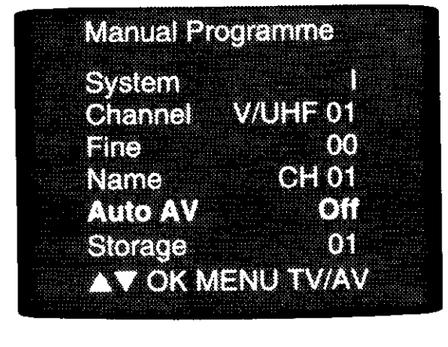


2

Press ▲ or ▼ to select **AUTO AV**.

Press ◀ or ▶ to select **Off**, **AV1** or **AV2**.

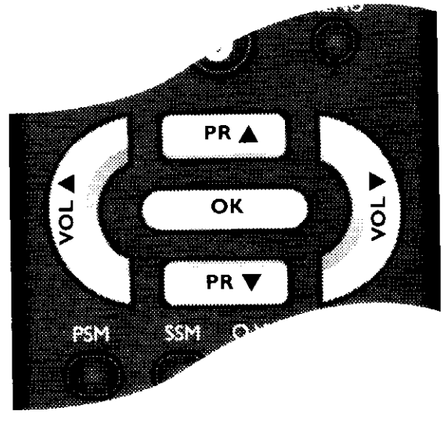


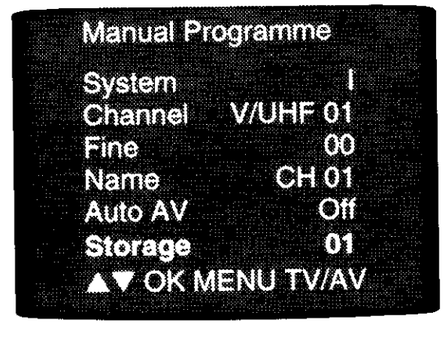


3

Press ▲ or ▼ to select **STORAGE**.
Select the desired programme number using ◀ or ▶.

Press **OK** to store your selection.

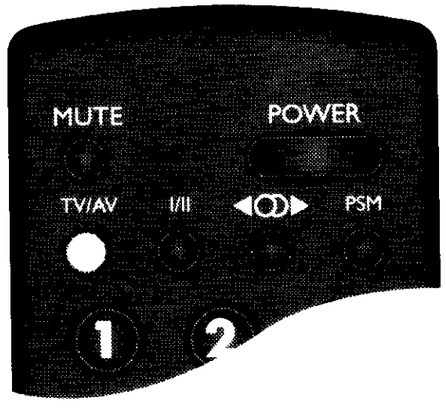


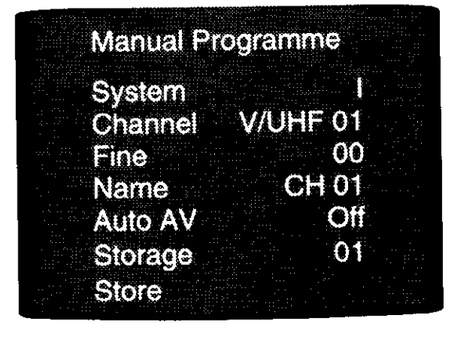


4

Repeat stages 1-3 to set other stations.

Press **TV/AV** to return to normal TV viewing

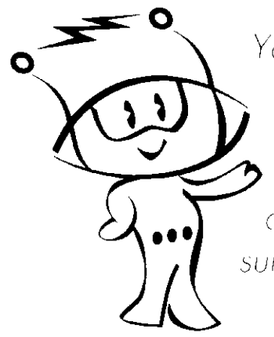




If you want your VCR or Satellite to automatically switch over your TV, connect them using a SCART LEAD[not supplied] to SCART socket 1 or 2 on the back of your TV. Select **AV1** or **AV2** at stage 2.

If you do not wish your VCR or Satellite to switch your TV still connect them to SCART socket 1 or 2 but this time select **Off** at stage 2.

Picture & Sound Adjustment



You can adjust picture contrast, brightness, colour intensity and sharpness to suit your own preferences or the lighting conditions in the room.

You can alter the sound of your TV to suit your own preferences by adjusting the treble, bass, balance, headphones and surround level. The surround sound feature creates an all around sound as in a concert hall.

1 PICTURE

Repeatedly press **MENU** to select the **PICTURE** menu.

1 SOUND

Repeatedly press **MENU** to select the **SOUND** menu.

2

Press ▲ or ▼ to select the item you want to change.

3

Press ◀ or ▶ to make adjustments.

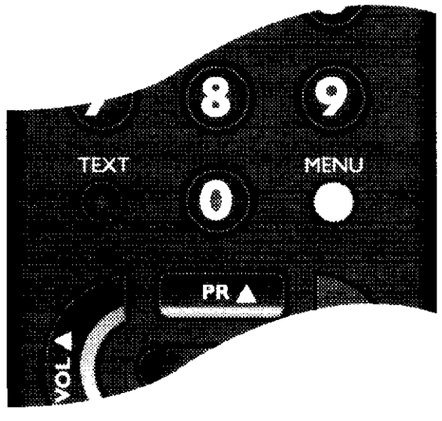
4

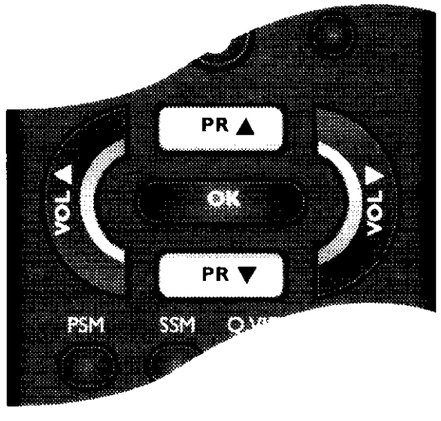
You can complete your adjustments or store your settings for immediate recall

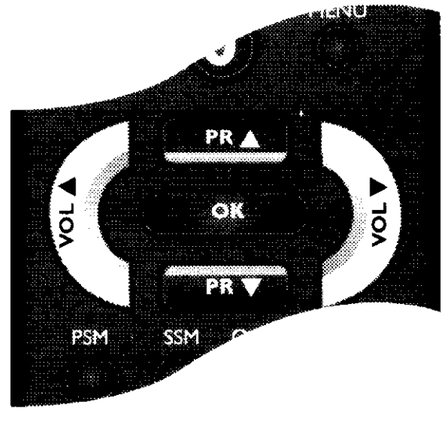
Press **OK** on the remote control.

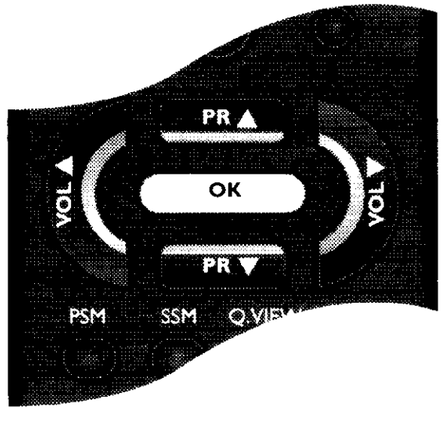
The **PICTURE** or **SOUND STORE** menu will appear.

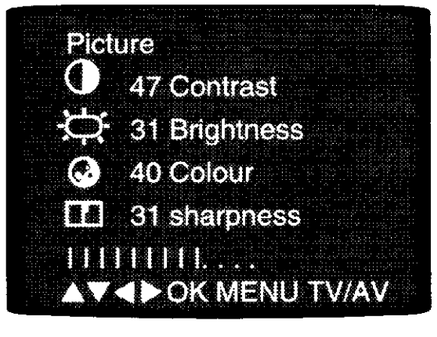
If you do not make a selection within 10 seconds at any stage the menu will disappear and you will have to start again from stage1.

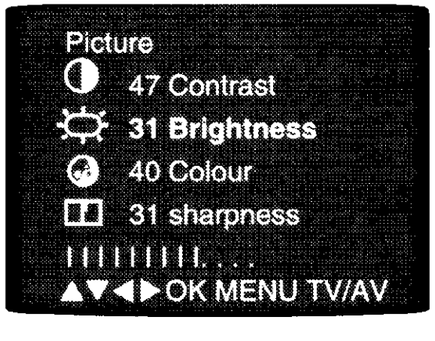


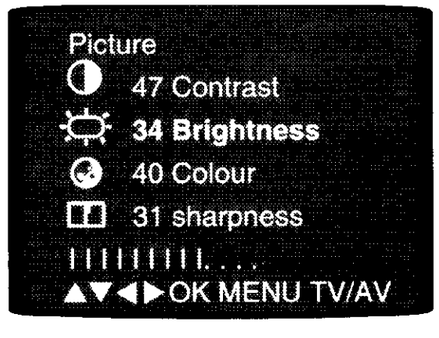








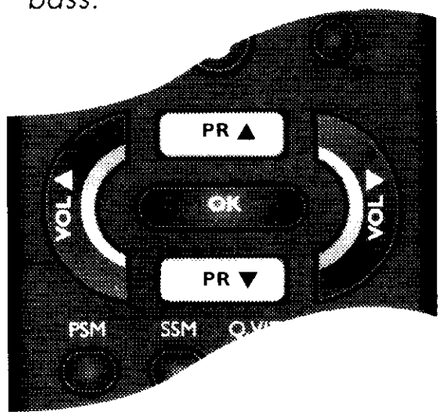




5

Press ▲ or ▼ to select **FAVOURITE 1** or **FAVOURITE 2**.

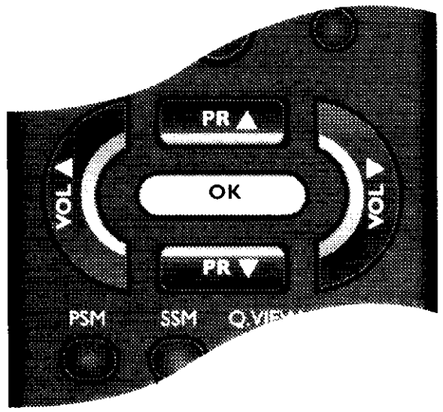
The FAVOURITE 1 or FAVOURITE 2 options allow you to programme two different picture settings for various lighting conditions such as day and night. You may store two sound settings such as rock programmes, where you want to enhance the bass.

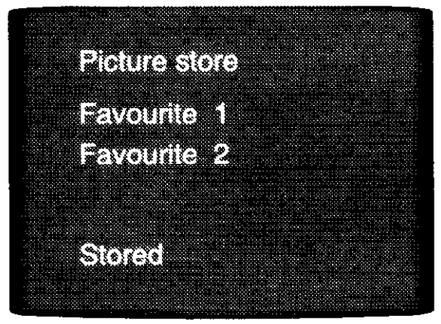


6

Press **OK** on the remote control.

The **STORED** menu will appear.



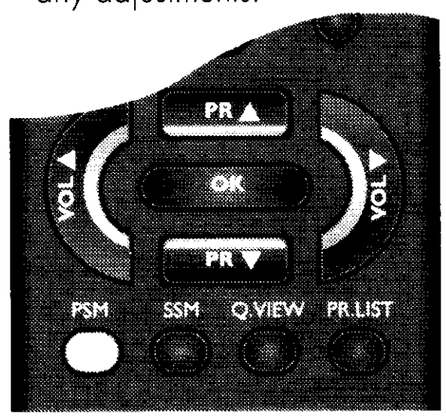


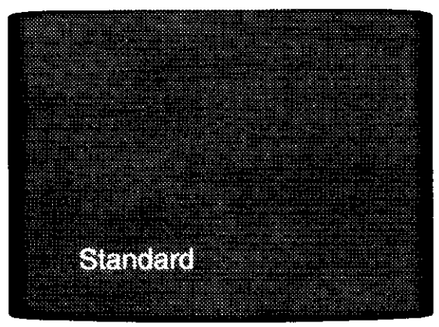
7 PICTURE

To recall your setting.

Press **PSM** until the desired picture setting appears on screen.
Either:- Standard
Favourite 1
Favourite 2

STANDARD is programmed for good picture reproduction by the factory and cannot be changed. Let your set warm up and operate for at least 15 minutes before making any adjustments.



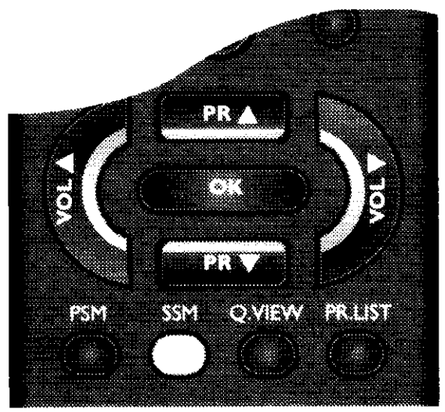


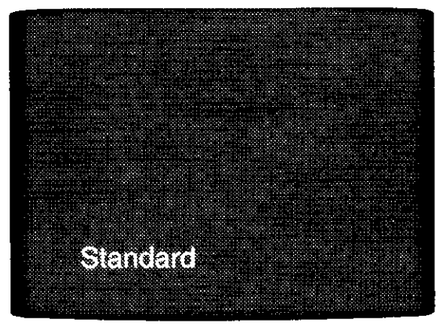
7 SOUND

To recall your setting.

Press **SSM** until the desired sound setting appears on screen.
Either:- Standard
Favourite 1
Favourite 2

STANDARD is programmed for good sound reproduction by the factory and cannot be changed.





How to temporarily switch off the sound .

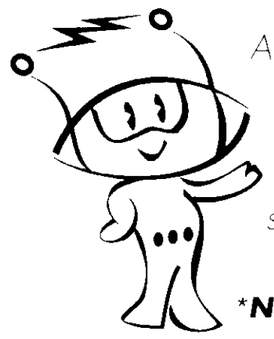
Press **MUTE**, the sound is switched off and appears.
To switch the sound back on press **MUTE** again or ◀◯▶ .

SOUND On screen menu

Advanced Sound adjustment

When a programme is selected the **PROGRAMME NUMBER** and **STATION NAME** appear briefly and then disappear. The next piece of information to be displayed is **SOUND**. Your TV will detect what type of sound is being broadcast by the TV station, therefore the ability to receive a certain type of sound depends on the broadcaster:-

Broadcast	*TV Display*
Mono	***Mono***
Stereo	***Stereo***
Dual	***Dual I***



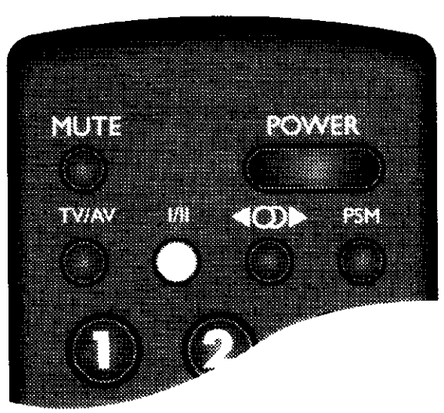
As your TV has a NICAM receiver you will be able to enjoy high quality* ***NICAM*** *digital sound. Sound can be selected according to the type of broadcast being received. If a TV station is broadcasting mono sound you may use the* ***SPATIAL*** *sound feature to create a pseudo or fake stereo sound.*

*****N****ear* ***I****nstantaneous* ***C****ompanded* ***A****udio* ***M****ultiplex*

1 NICAM

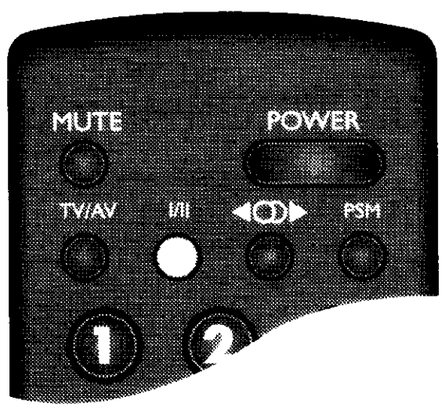
Press **I/II** on the remote control to select **NICAM STEREO** or **FM MONO**.

If the stereo signal is weak (you will hear strange "popping" noises) switch to **FM MONO**. Your TV will try to improve the depth of sound. To switch back to **NICAM STEREO** press **I/II** again.



2 NICAM MONO

Press **I/II** on the remote control to select **NICAM MONO** or **FM MONO**.

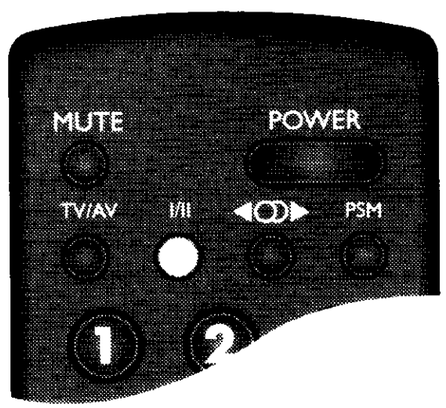


3 NICAM DUAL

This type of broadcast is not available in the U.K. at present, however your TV has been built to accommodate this feature should it become available.

This type of broadcast allows you to choose to listen to a broadcast in a foreign language or the native language of the TV station.

Press **I/II** on the remote control to select:- **DUAL I**, **DUAL II**, **DUAL I II** or **MONO**.



4 SPATIAL

Repeatedly press ◀◯▶ on the remote control to switch between **SPATIAL** (pseudo or fake stereo) and normal **MONO** sound. When **SPATIAL** sound is select ◀◯▶ will appear on your TV screen.

If you connect a VCR, Satellite Receiver or any other type of equipment to your TV using a SCART LEAD you can select different sound settings for the right and left speakers.

5

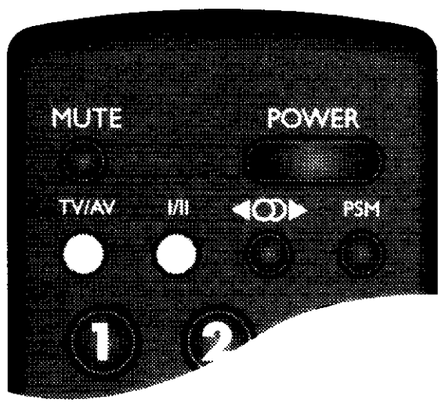
Press **TV/AV** to select **AV** mode.

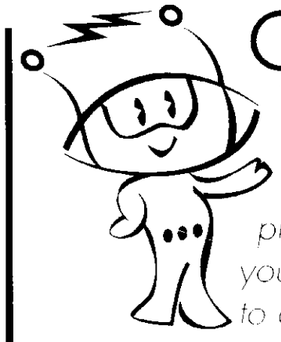
Repeatedly press **I/II** on the remote control to select the sound setting:-

L+R Audio signal from audio L input is sent to the left speaker. Audio signal from R input is sent to right speaker.

L+L Audio signal from L input is sent to left and right speakers.

R+R Audio signal from audio R is sent to left and right speakers.





Child Lock

This is a useful feature which stops inquisitive fingers from changing the settings on your TV or viewing any undesirable TV programmes. When set you may only control your TV using the remote control, all you have to do is make sure you put it out of reach!

1

Repeatedly press **MENU** to select the **SPECIAL** menu.

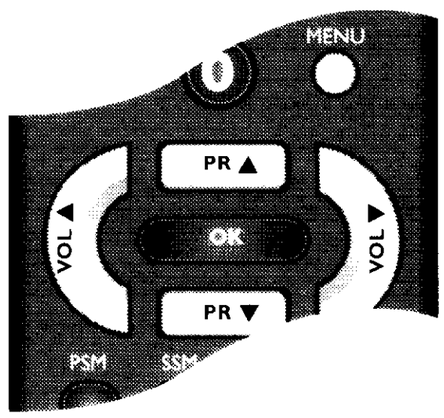
Press ▲ or ▼ to select **CHILD LOCK**.

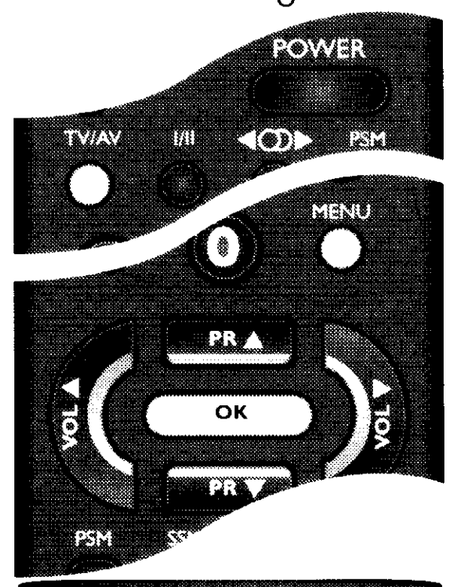
Press ◀ or ▶ to select **ON** or **OFF**.

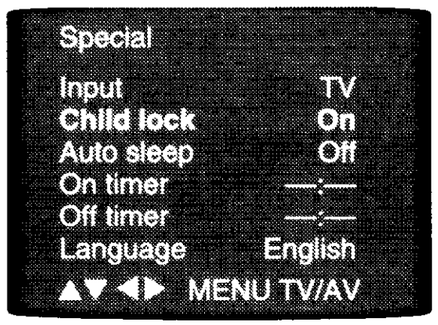
2

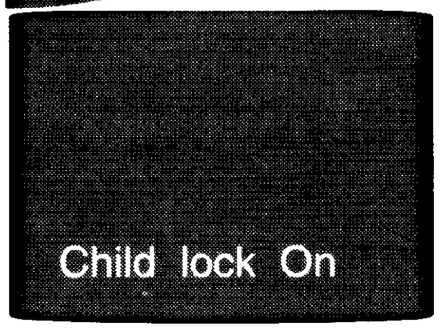
Press **OK** , **MENU** or **TV/AV** on the remote control to return to normal TV viewing.

With the lock set, the TV screen will display **CHILD LOCK ON** if any button on the front panel is pressed while watching TV.





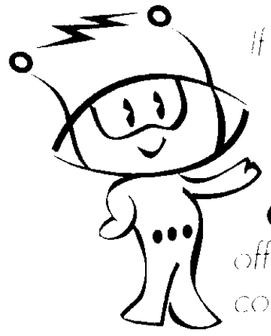




Timer Functions

Auto Sleep

On Timer/Off Timer



If you set ***AUTO SLEEP*** *your TV will automatically switch itself to stand-by approximately ten minutes after a TV station stops broadcasting.*

If you set the ***ON TIMER*** *your TV automatically switches on at the preset time. If you set the* ***Off TIMER*** *your TV automatically switches to stand-by after the preset time elapses. You can set the on off timer from 10 minutes up to 12 hours and 50 minutes in steps of 10 minutes. The timer will begin to count down from the selected set time.*

1 Repeatedly press **MENU** to select the **SPECIAL** menu.

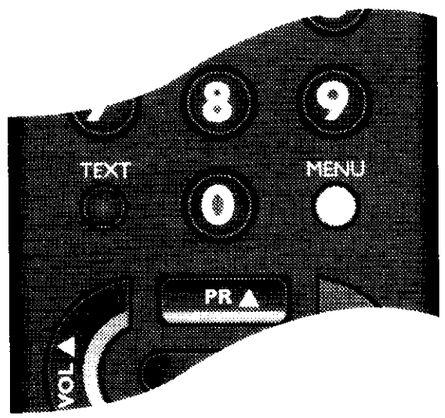
2 AUTO SLEEP
Press ▲ or ▼ to select **AUTO SLEEP.**

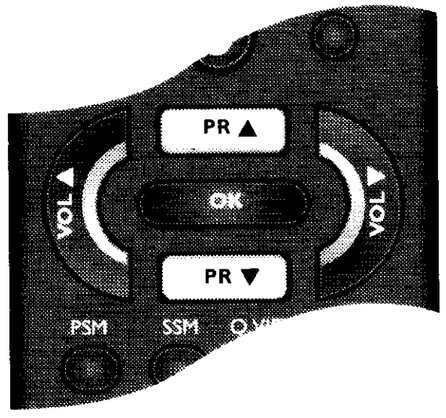
2 ON TIMER
Press ▲ or ▼ to select **ON TIMER.**

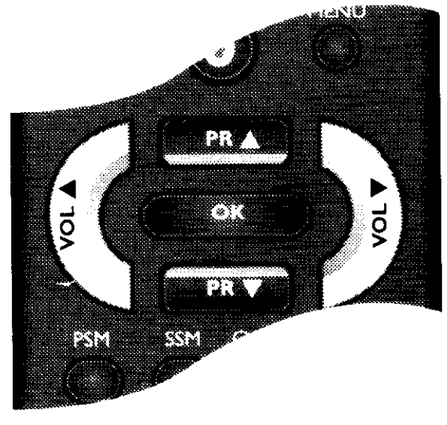
2 OFF TIMER
Press ▲ or ▼ to select **OFF TIMER.**

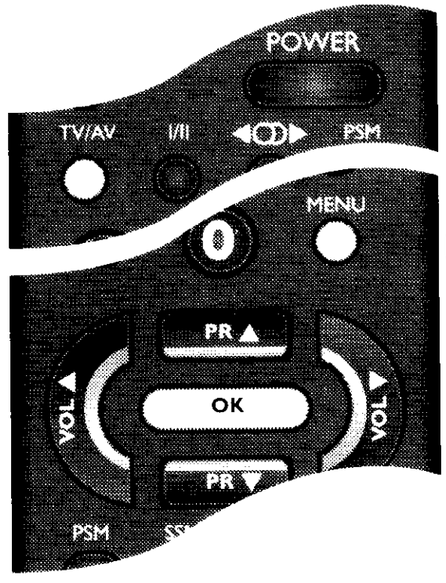
3 Press ◀ or ▶ to select **ON**.

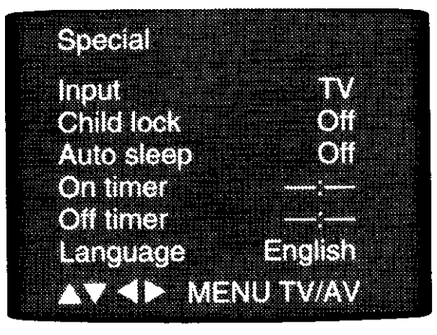
4 Press **OK** , **MENU** or **TV/AV** on the remote control to return to normal TV viewing.

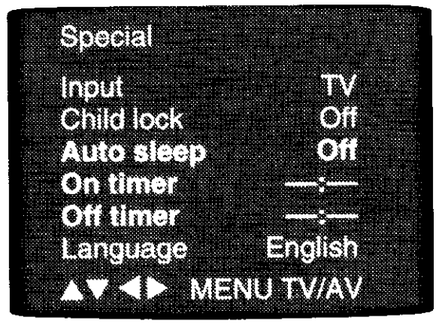


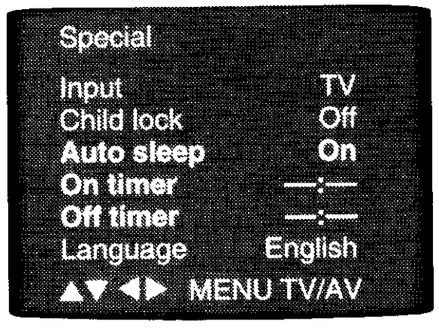












Some important notes:

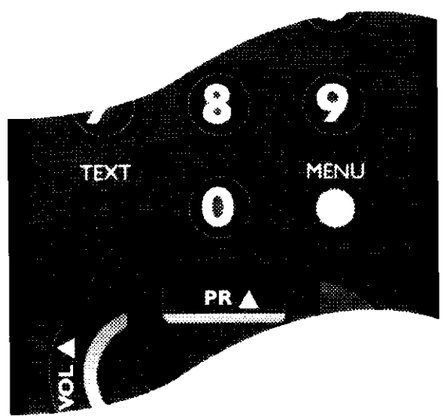
1. This TV must be put into stand-by with the power button on the remote control to operate the on timer.
2. If you do not set an off time your TV will automatically switch itself off (to stand-by) unless you press any button on the remote control.
3. To check on/off time, select **SPECIAL** menu.
4. To cancel on/off time set the timers to - -:- -.
5. If you unplug your TV or switch it off by the power switch on the front of the TV all timer settings will be lost.

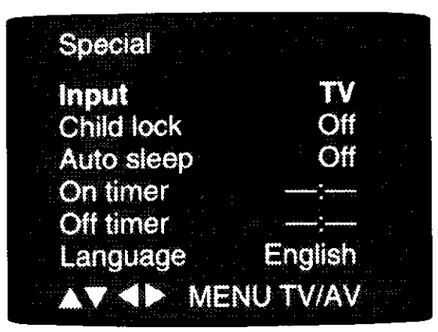
TV and AV Functions

*If a VCR is connected using an ordinary aerial lead your TV can only receive in **TV** mode. If you use a SCART lead[not supplied] you may select **AV** mode. This will allow you to enjoy stereo sound playback of video tapes (if you have a stereo VCR) and improved picture quality.*

1

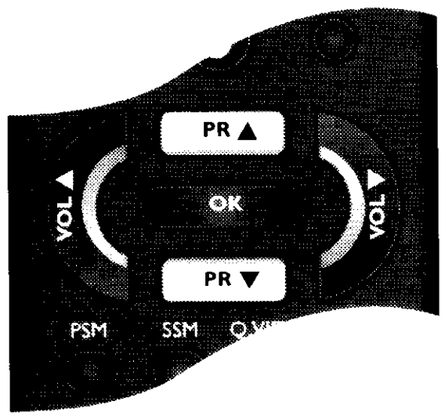
Repeatedly press **MENU** to select the **SPECIAL** menu.

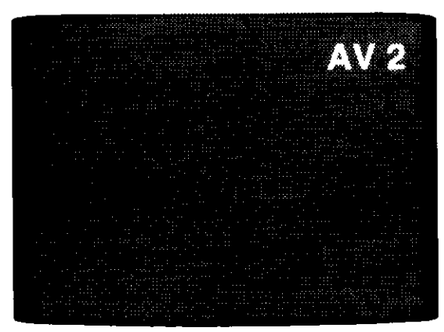




2

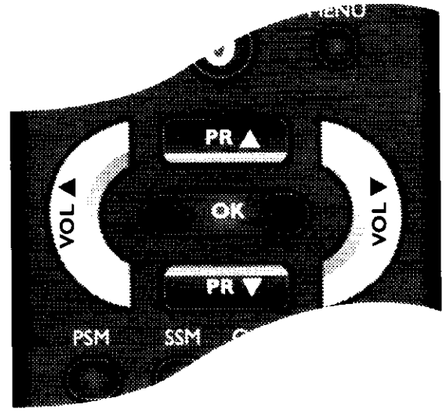
Press ▲ or ▼ to select **INPUT.**

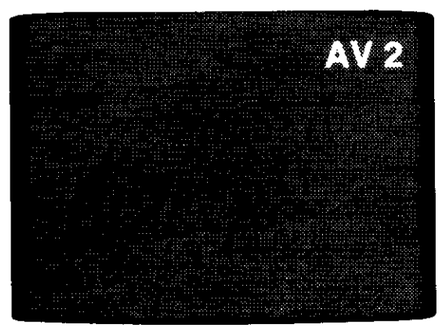




3

Press ◀ or ▶ to select **TV, AV1, AV2, AV3,** or **S-AV.**.

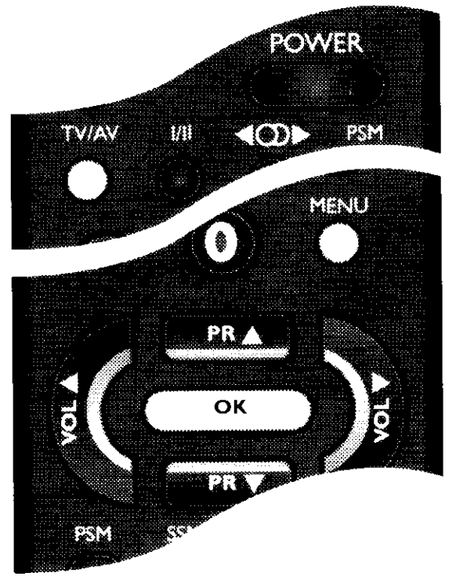




4

Press **OK** , **MENU** or **TV/AV**.

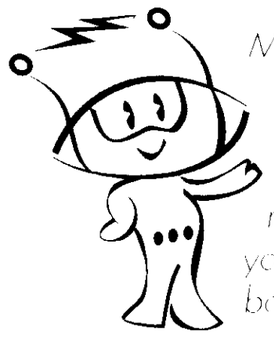
Press ▲ , ▼ or any number button to return to **TV** mode from **AV** mode



The four AV modes are:

AV 1: VCR connected to SCART socket 1 (back of TV)
AV 2: VCR connected to SCART socket 2 (back of TV)
AV 3: VCR connected to AV3 sockets (front of TV)
S-AV: VCR connected to AUDIO and S-VIDEO sockets (front of TV)

Tuning in Manually



*Manual tuning allows you to tune and arrange TV stations in what ever order you desire: although we do recommend that you try to keep BBC1 on programme 1, BBC2 on 2, ITV on 3 and Channel 4 on 4. As with automatic tuning you are able to name a station using 5 characters, please see page 14 for guidance on naming programmes. If you are connecting a **VCR**, **Satellite Receiver** or **Cable TV Decoder** makes sure that they are switched on. Where applicable have their test signals switched on before tuning your TV (in the case of **Satellite** or **Cable** select **Sky News**) please refer to the manufacturers instruction books if you are unsure how to do this.*

Your TV can store up to 100 TV stations*. Stations can be tuned **AUTOMATICALLY** or **MANUALLY**.

It is recommended that you use the **AUTOMATIC** tuning method however if you still do not obtain clear sound and pictures then you will need to manually tune in your TV.

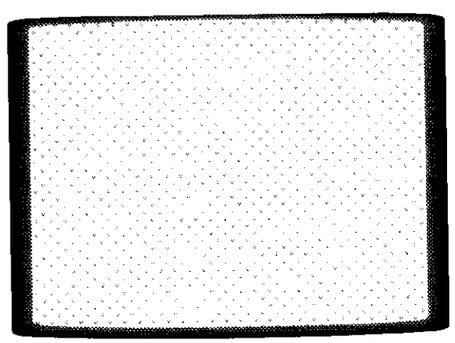
*99 [illegible] CHANNELS AND ON [illegible] CHANNELS ALLOCATED FOR SCART [illegible]

1

Make sure that you have correctly installed your TV as described earlier in this book.

Press **POWER** on the front of your TV. The red stand-by indicator will light.

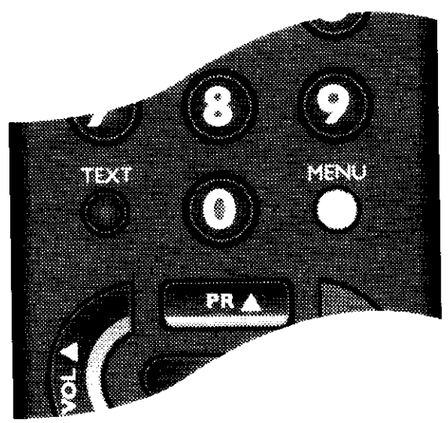
Press **POWER** on the remote control. A fuzzy TV picture will appear.



2

Press **MENU** to select the **STATION** menu.

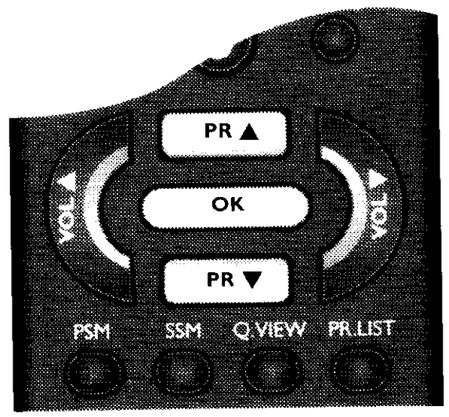
*If you do not press a button within 10 seconds the **STATION** menu will disappear. Press **MENU** to make it reappear.*



3

Press ▲ or ▼ to select **MANUAL PROGRAMME** it will turn pink when selected.

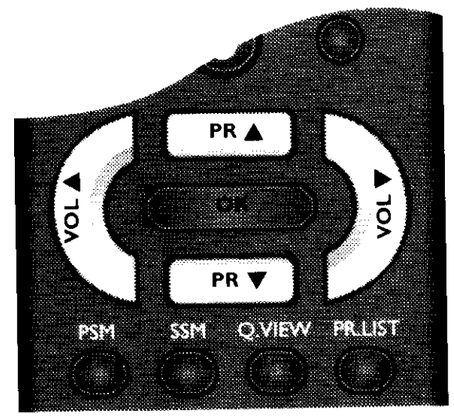
Press **OK**.

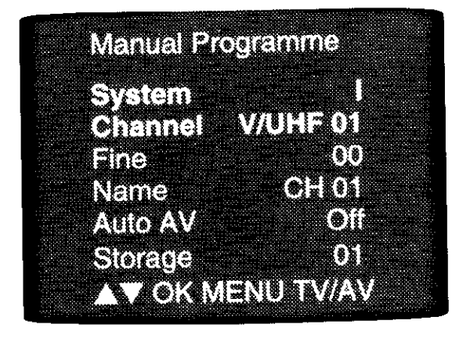


4

Press ▲ or ▼ to select **SYSTEM**. Select the TV broadcast system operating in your country. In the U.K. select **I** using ◀ or ▶.

Press ▲ or ▼ to select **CHANNEL**. Select VHF or UHF or CABLE as required ◀ or ▶.

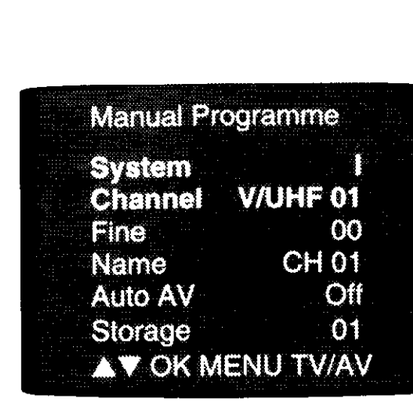




5

Press **OK** to start searching, if a station is found the search will stop.

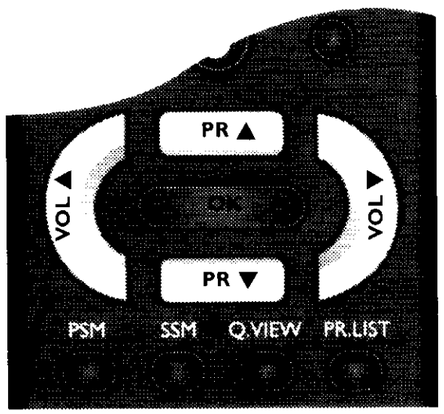
If you are familiar with direct frequency tuning you may insert the correct frequency using the numbered button on the remote control.

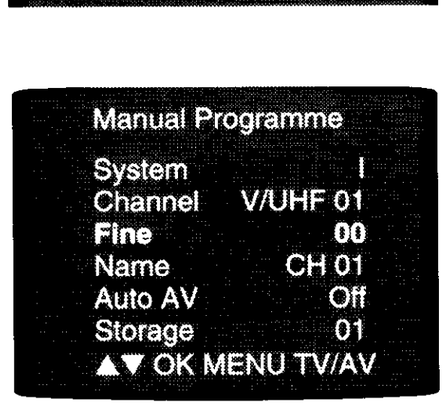


6

You may fine tune your picture however this should not be necessary unless reception in your area is extremely poor.

Press ▲ or ▼ to select **FINE**. Press ◀ or ▶ to fine tune for the best picture and sound.

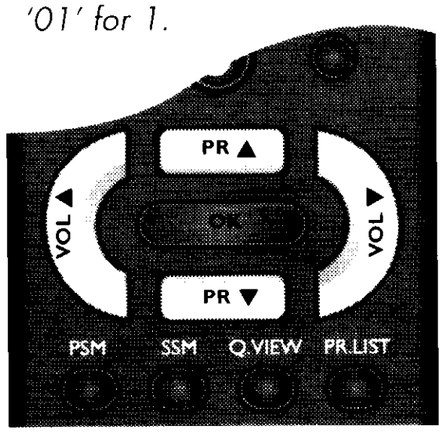


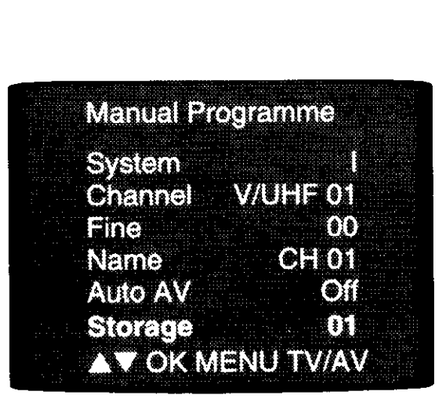


7

If this station is the one required press ▲ or ▼ to select **STORAGE**. Enter **01** (or which ever number you wish) as the programme number, using ◀ or ▶.

You may also use the numbered buttons; any number under 10 is entered with a 0 in front of it e.g. '01' for 1.



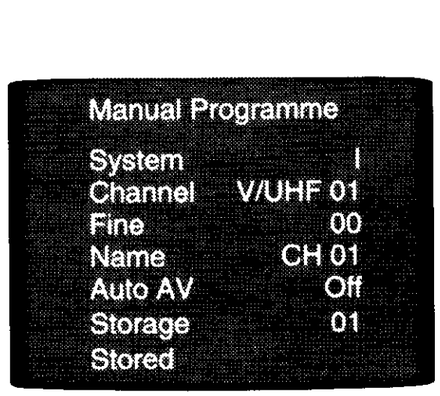


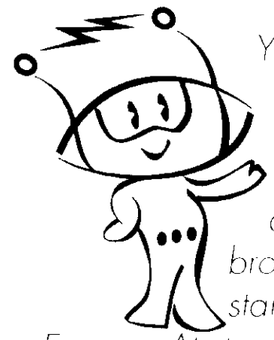
8

Press **OK** to store your station. The word **STORED** will appear on your TV screen.

To store another station repeat stages 2 - 8.

Press **TV/AV** on the remote control to remove this menu and return to normal TV viewing.





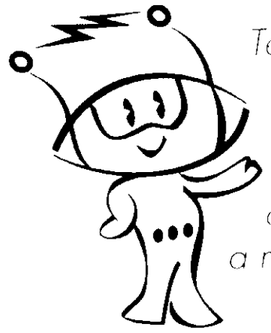
Your Television can be set to receive many of the most common broadcast standards in Europe. At stage 4 you more than likely selected **I**. *However you may select one of three systems:-*

BG *Europe*
DK *East Europe*
I *U.K. & Ireland*

On some models you may have the option of system **L**. *This is for use in France which uses . PAL, SECAM. Only a TV which offers you the ability to select* **L** *can perform this function.*

If all systems are receivable, **BG**, **DK**, **L** and **I** *they can be stored by repeating stages 2 through to 8 but changing the appropriate broadcast standard at stage 4.*

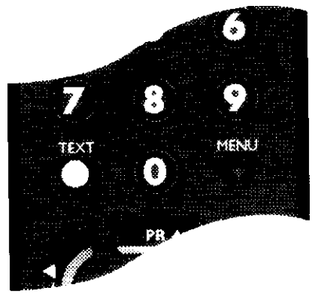
TELETEXT



Teletext is a free service broadcast by most TV stations which gives up-to-the-minute information on news weather, television programmes, share prices and many other topics.

The teletext decoder of this TV can support the LIST and FASTEXT systems. LIST (standard teletext) consists of a number of pages which are selected by directly entering the corresponding page number. FASTEXT is a more modern method allowing quick and easy selection of teletext information.

Switch on/off teletext



1. Press the **TEXT** button to switch on teletext.

The initial page or the last page you had on the screen appears.

Two page numbers, TV station name, date and time are displayed on the screen headline. The first page number indicates your selection, while the second shows the current page displayed.

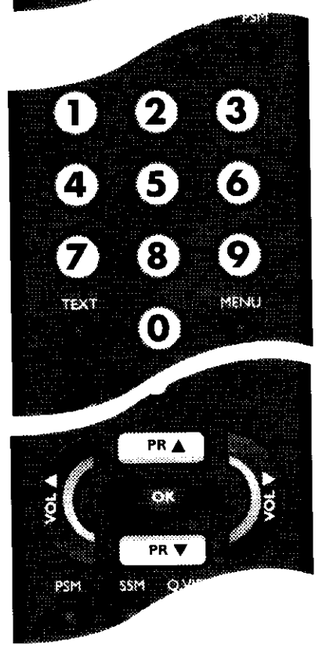
2. Press the **TEXT** or **TV/AV** button to switch off teletext, and return to normal TV operation.

Page selection

1. Press the **NUMBER** buttons to enter the page number you want as a three digit number .

If during selection you press a wrong number, you must complete the three digit number and then re-enter the correct page number.

2. The ▲/▼ button can be used to select the previous or next page.



Programming a colour button

Four teletext page numbers of your choice can be colour coded and easily selected by pressing the corresponding coloured button on the remote control handset.

LIST mode

1. If the TV is in FASTEXT mode Press the **MODE** button to select LIST mode

2. Press the **NUMBER** buttons to select the page you wish to programme.

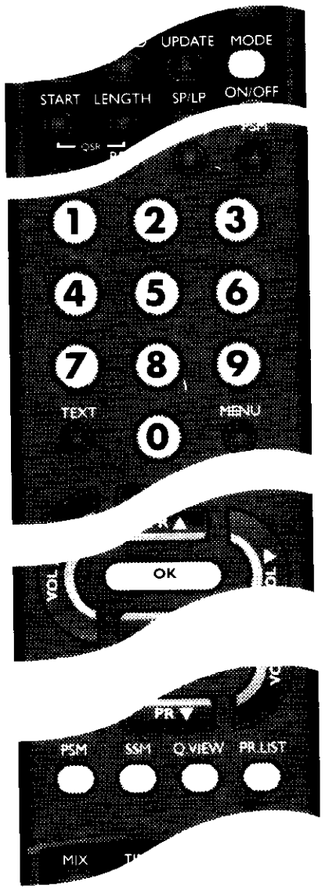
3. Press the **OK** button when the page is displayed on the screen.

The page numbers in the colour boxes along the bottom of the screen change to '>000?'.

4. Press a **COLOUR** button to store the page number.

From now on, you can select this page with the same coloured button.

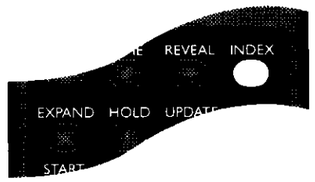
5. Programme the other three coloured buttons in the same way



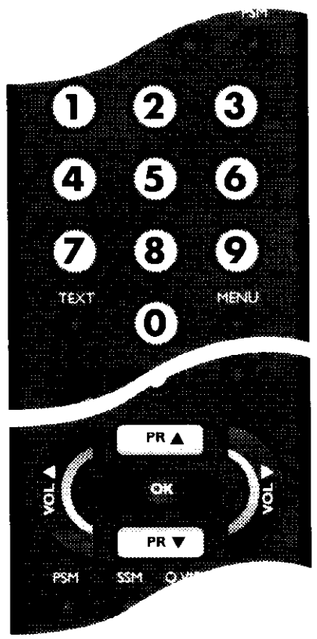
FASTEXT mode

The teletext pages are colour coded along the bottom of the screen and are selected by pressing the corresponding coloured button.

Page selection



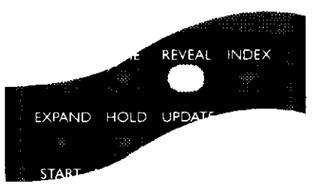
1. Press the **INDEX** button to select the index page.
2. You can select the pages which are colour coded along the bottom line with the same coloured buttons.
3. Corresponding to the LIST teletext mode, you can select a page by entering its three digit page number with the **NUMBER** buttons in FASTEXT mode



4. The ▲/▼ buttons can be used to select the previous or next page.

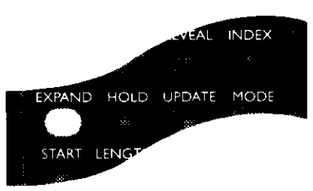
Special teletext functions

REVEAL



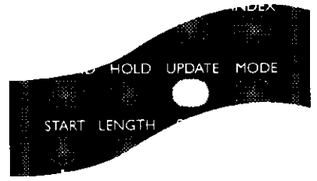
Press this button to display concealed information, such as solutions of riddles or puzzles.
Press this button again to remove the information from the display.

EXPAND (SIZE)



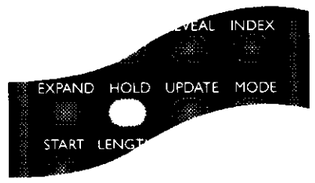
Selects double height text.
Press this button to enlarge the top half of the page.
Press this button again to enlarge the bottom half of the page.
Press this button again to return to the normal display.

UPDATE



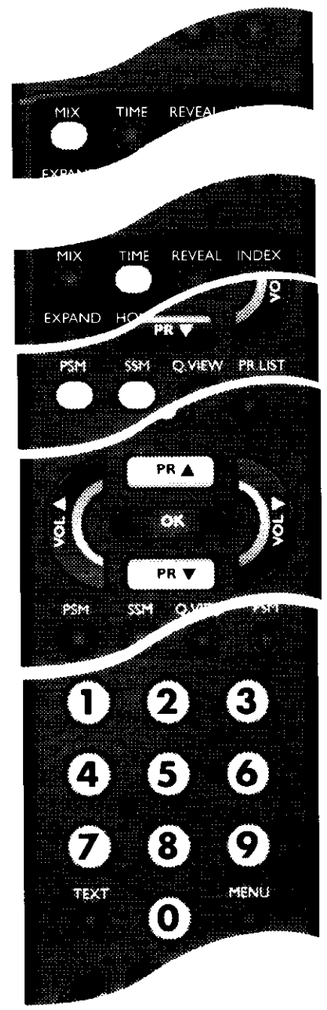
Displays the TV picture on the screen while waiting for the new teletext page. The display (☰) will appear at the top left hand corner of the screen. When the updated page is available the page number will appear.
Press this button to view the updated teletext page.

HOLD (STOP)



Stops the automatic page change which will occur if a teletext page consists of 2 or more sub pages. The number of sub pages and the sub page displayed is, usually, shown on the screen below the time. When this button is pressed the stop symbol (🅱) is displayed at the top left-hand corner of the screen and the automatic page change is inherited.
To continue press this button again.

MIX



Displays the teletext pages superimposed on the TV picture.
To switch the TV picture off press this button again.

TIME

When viewing a TV programme, press this button to display the time at the top right hand corner of the screen. Press this button again to remove the display. In the teletext mode, press this button to select a sub page number. The sub page number is displayed at the bottom of the screen. To hold or change the sub page, press the **RED/GREEN**, ▲/▼ or **NUMBER** buttons. Press again to exit this function.

Troubleshooting Check List

No picture & no sound
Check tuning, carry out Automatic Tuning again (see pages 10~11)
Is the mains plug plugged in and switched on?
Is the TV switched on
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
If you have a VCR connected check Audio/Video sockets (see pages 5~7)

Picture blurred
Poor reception on some channels
Check tuning, carry out Automatic Tuning again (see pages 10~11).
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
Check for local interference

Poor or no colour
Check tuning, carry out Automatic Tuning again (see pages 10~11)
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
Adjust colour
If you have a VCR connected check Audio/Video sockets (see pages 5~7)

Picture OK, poor sound
Check tuning, carry out Automatic Tuning again (see pages 10~11)
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
Check for local interference
Adjust volume
If you have a VCR connected check Audio/Video sockets (see pages 5~7)

Lines or streaks in picture
Check tuning, carry out Automatic Tuning again (see pages 10~11)
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
Check for local interference
If you have a VCR connected check Audio/Video sockets (see pages 5~7)

Sound OK, poor picture
Check tuning, carry out Automatic Tuning again (see pages 10~11)
Try another channel, maybe a weak signal
Check aerial is it plugged into TV? (see pages 5~7)
Check aerial, is the lead broken or damaged?
Check for local interference
Adjust contrast
Adjust brightness
If you have a VCR connected check Audio/Video sockets (see pages 5~7)

Remote control does not work
Is the mains plug plugged in and switched on?
Is the TV switched on
Check the batteries in remote control.

If you need further information or assistance please call customer services

Call 01753 500470
Monday - Friday
9.00am ~ 4.30pm